Test Report for Flicker

Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

Manufacturer: China Factory
Number:
Comments: 100% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No

Basic

Frequency: 100.011 Hz
Average: 4339.656 lm
Maximum: 4381.020 lm
Minimum: 4296.848 lm

IEC-Pst

PstLM: 0.002
Evaluate: Acceptable

CIE SVM

SVM: 0.016
Visibility: Not Visibile

IEEE Std 1789

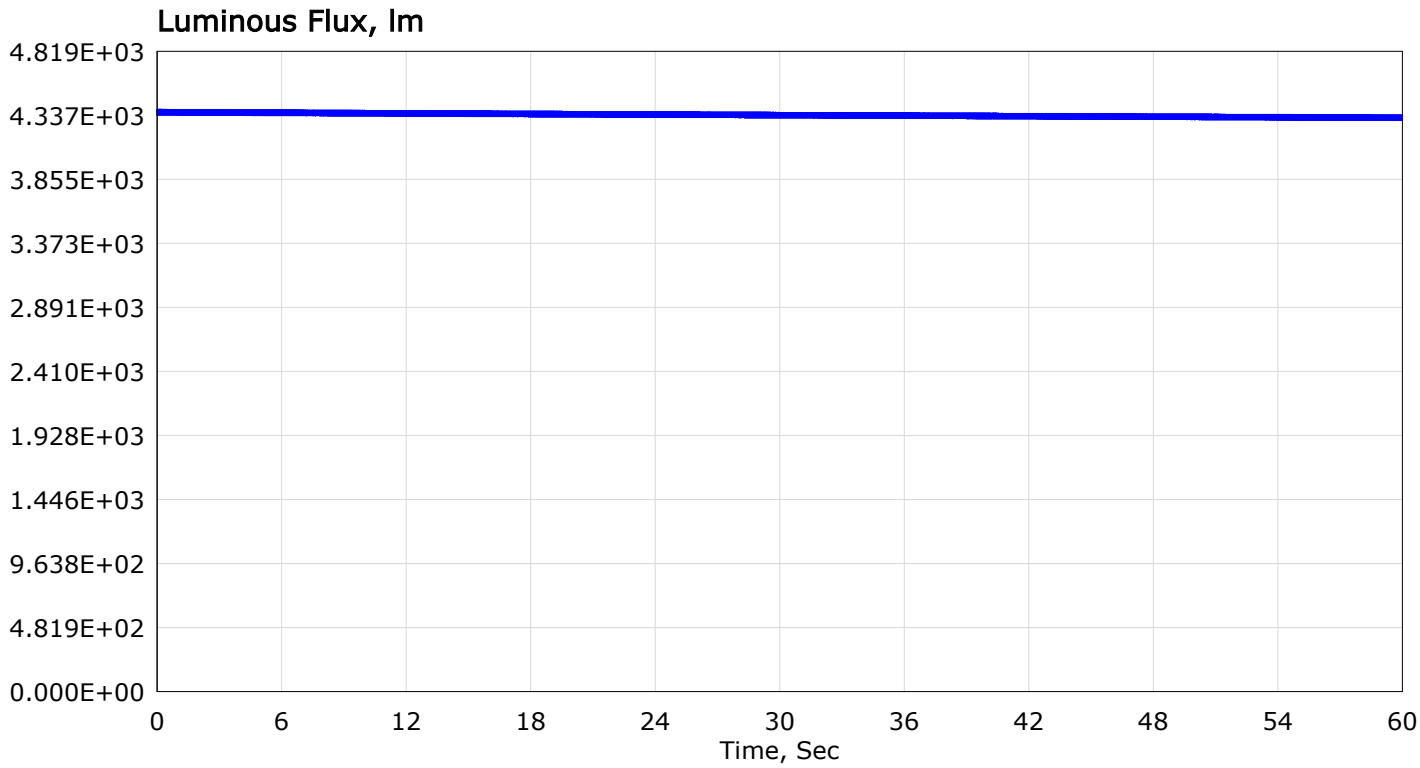
NM1: 0.053
Modulation: 0.482%
NM2: 0.127
Risk Level: No Effect

ASSIST

Flicker Index: 0.002
Percent Flicker: 0.482%
Mp: 0.024
Dp: 0.414%
d : NA
a : NA
fb: NA
Evaluate: NA

CA CEC

PAM: 0.482%
PAM(40Hz): 0.465%
PAM(90Hz): 0.467%
PAM(200Hz): 0.866%
PAM(400Hz): 0.881%
PAM(1000Hz): 0.884%



Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M44212,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:19:20
Testing Environment: 25.8 °C, 57.3%
Sample Duration: 60.0 S
According: IESNA 2000, CIE TN 006, etc

Test Report for CIE SVM

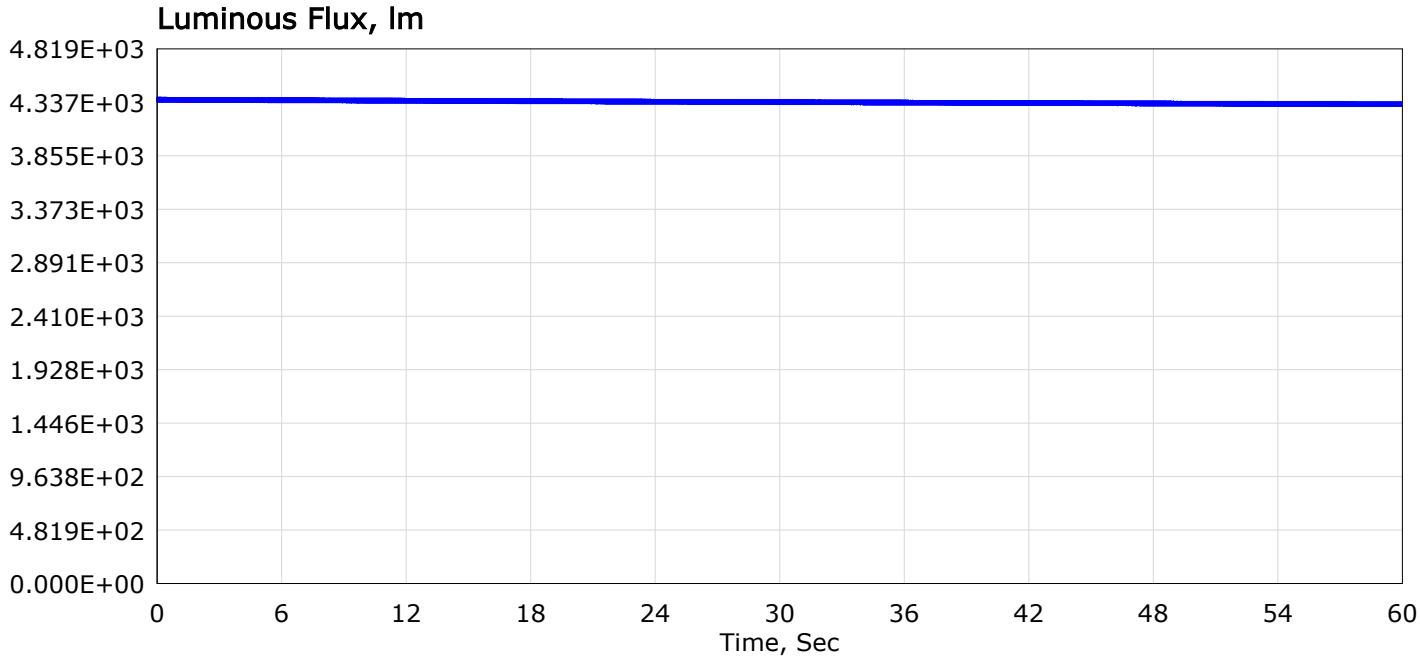
Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

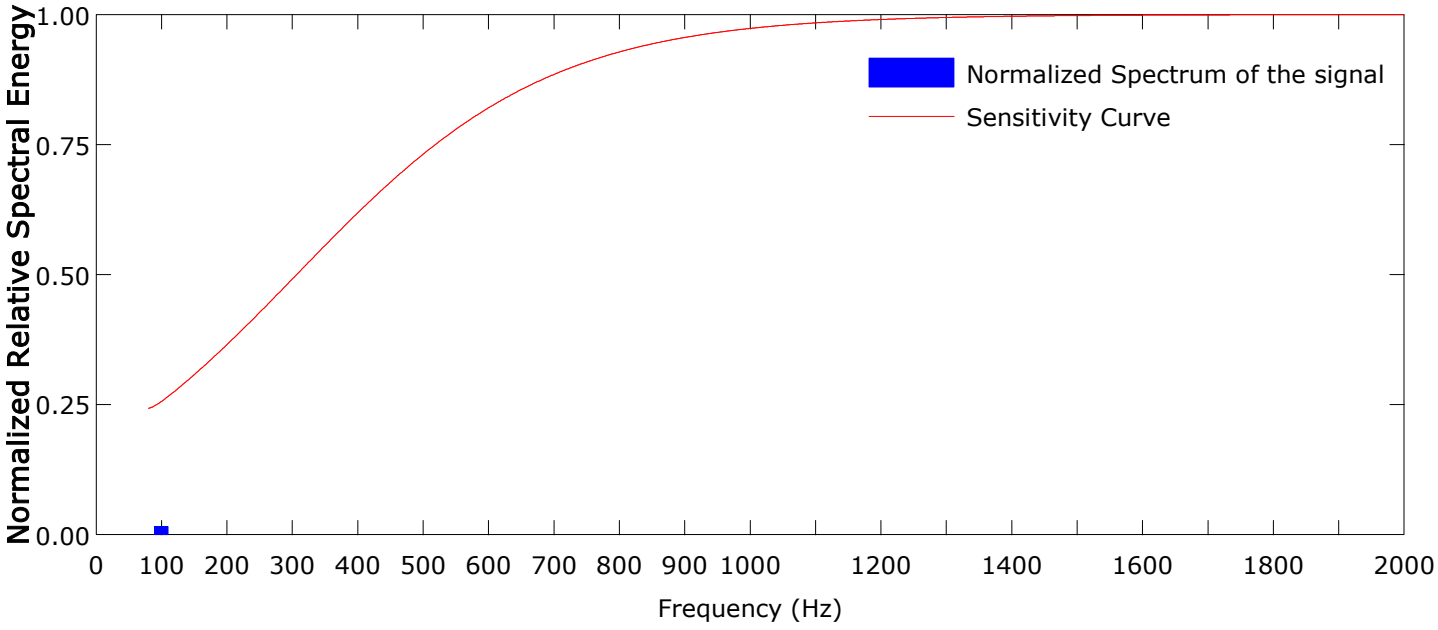
Manufacturer: China Factory
Number:
Comments: 100% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 100.011 Hz
Maximum: 4381.020 lm
Flicker Index: 0.002
SVM: 0.016

Average: 4339.656 lm
Minimum: 4296.848 lm
Modulation: 0.482%
Visibility: Not Visibile





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M44212,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:19:20
Testing Environment: 25.8 °C, 57.3%
Sample Duration: 60.0 S
According: CIE TN 006:2016

Test Report for IEC Pst

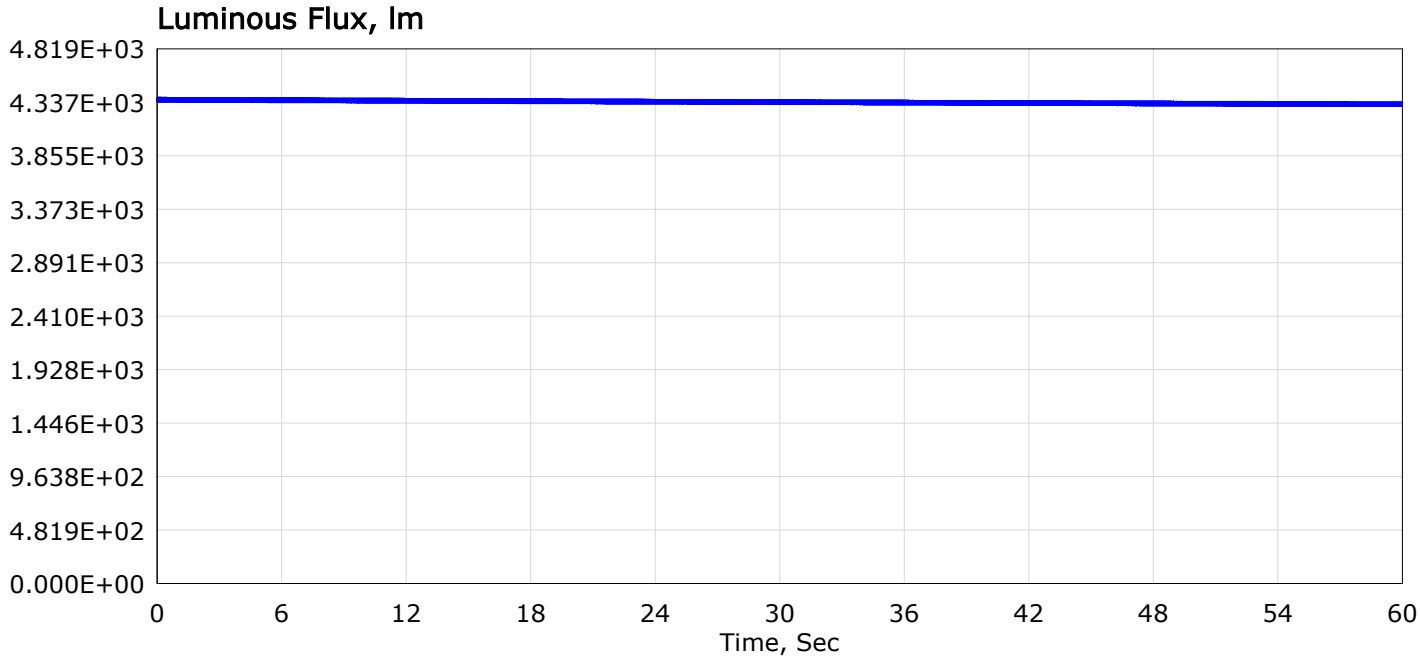
Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

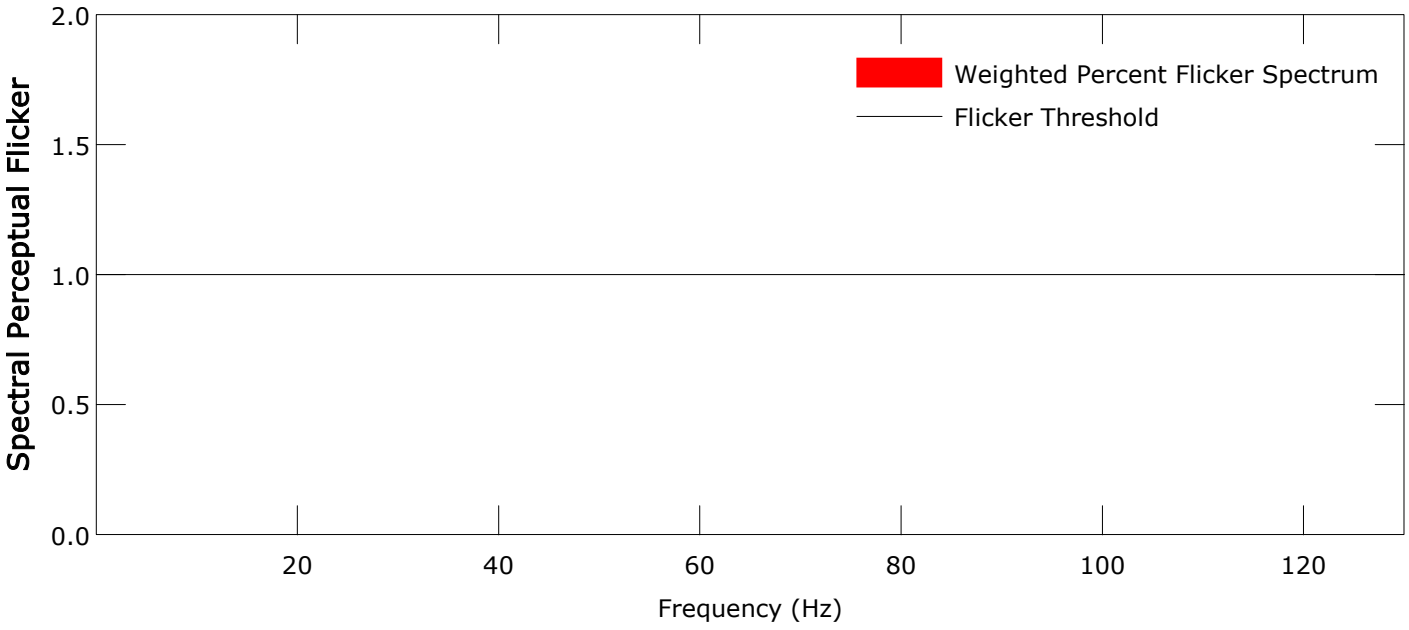
Manufacturer: China Factory
Number:
Comments: 100% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 100.011 Hz
Maximum: 4381.020 lm
Flicker Index: 0.002
PstLM: 0.002

Average: 4339.656 lm
Minimum: 4296.848 lm
Percent Flicker: 0.482%
Evaluate: Acceptable





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M44212,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:19:20
Testing Environment: 25.8 °C, 57.3%
Sample Duration: 60.0 S
According: IEC TR 61547-1:2020

Test Report for IEEE Std1789

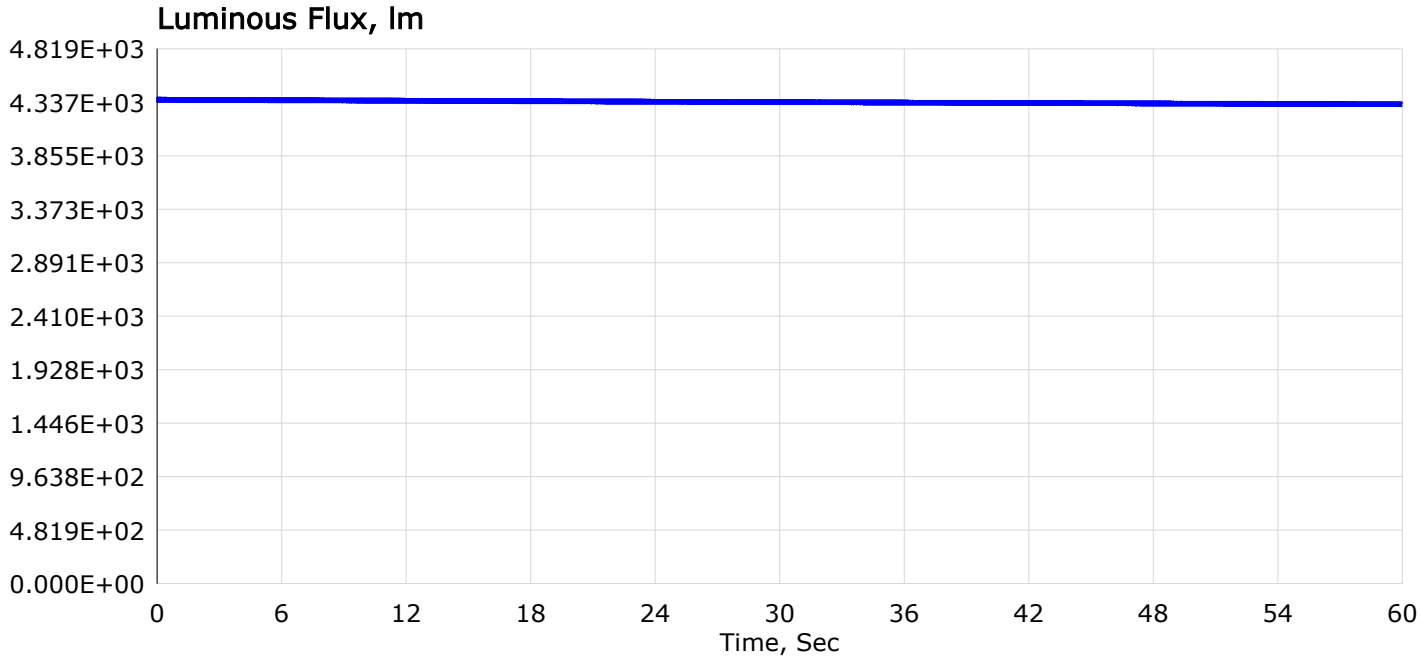
Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

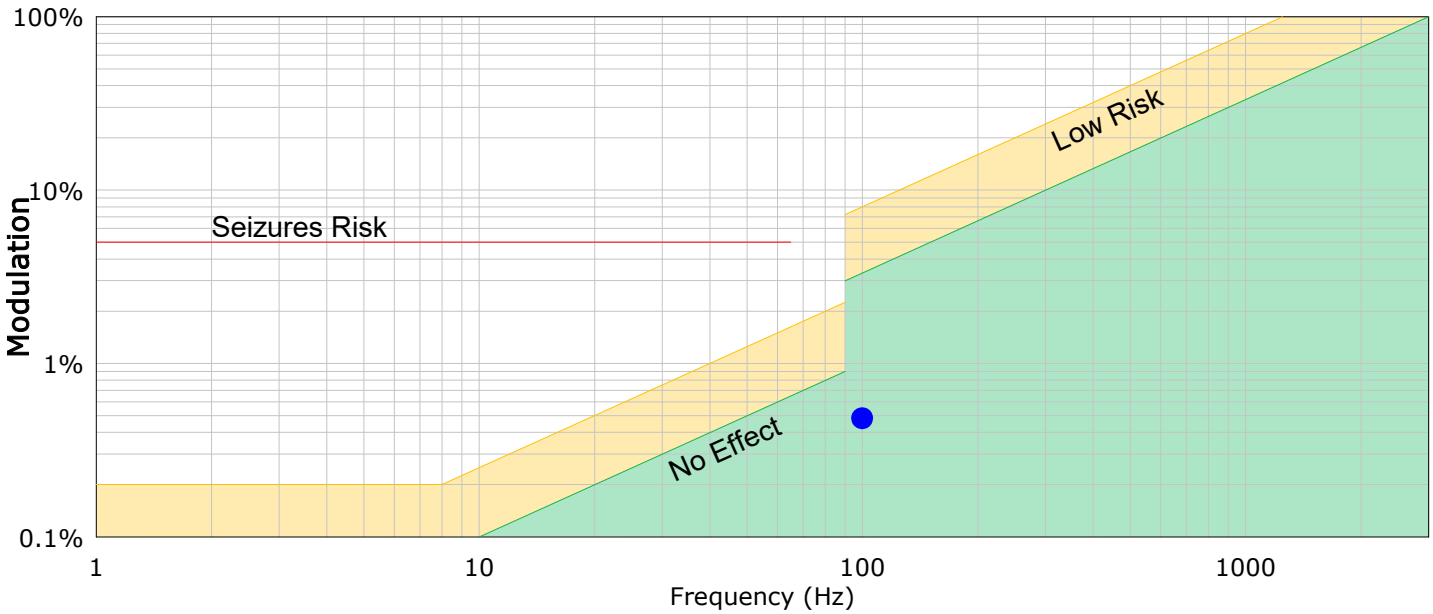
Manufacturer: China Factory
Number:
Comments: 100% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 100.011 Hz
Maximum: 4381.020 lm
Flicker Index: 0.002
NM1: 0.053, NM2: 0.127

Average: 4339.656 lm
Minimum: 4296.848 lm
Modulation: 0.482%
Risk Level: No Effect





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M44212,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:19:20
Testing Environment: 25.8 °C, 57.3%
Sample Duration: 60.0 S
According: IEEE Std 1789-2015